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Janet Shibata

Printed Name of Depositor)

August 22, 2008 (Date of Signature)

Please find attached Re:

Attorney Docket No. PD-201014

Serial No.:

10/532,619

Filing Date: 04/25/2005

Title: MAXIMIZING POWER AND SPECTRAL EFFICIENCIES FOR LAYERED AND

CONVENTIONAL MODULATIONS

PART B – FEE(S) TRANSMITTAL FORM PTOL-85 (1 page in duplicate)

The DirecTV Group, Inc., CA/LA1/A109, 2230 E. Imperial Highway, El Segundo, California 90245

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Janet Shibatar	(Depositor's name)
Mulitaria	(Signature)
August 22, 2008	(Date)
	I :

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,619	04/25/2005	Ernest C. Chen	PD-201014	9405

TITLE OF INVENTION: MAXIMIZING POWER AND SPECTRAL EFFICIENCIES FOR LAYERED AND CONVENTIONAL MODULATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	. s o 4 8605/25/80	\$1740 IGEBREH2 00308045 ;	08/22/2008 500383 10532619
EXAN	MINER	ART UNIT	CLASS-SUBCLASS	01 FC:1501	1440.00 DA	10001017
BAYARD, E	EMMANUEL	2611	375-295000	02 FC:1504	300.00 DA	
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Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government						
4a. The following fee(s) X Issue Fee X Publication Fee (1)		4t	p. Payment of Fee(s): (Plea A check is enclosed. Payment by credit can X The Director is hereby overpayment, to Depo	se first reapply any pred	riously paid issue fee shached.	own above)
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other party in interest as shown by the records of the United States Patent and Trademark Office.						
interest as shown by the	records of the United Sta	ites Patent and Trademark	Office.			-
Authorized Signature	John)	1 Sopher		Date Augi	ust 22, 2008	
Typed or printed nam	Todd N. Sny	der /		Registration No.	41,320	
This collection of informan application, Confider	nation is required by 37 Catality is governed by 35	FR 1.311. The information U.S.C. 122 and 37 CFR	on is required to obtain or r 1.14. This collection is est	etain a benefit by the publimated to take 12 minutes	ic which is to file (and be to complete, including	y the USPTO to process) gathering, preparing, and

an apprecion. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND PEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Janet Shibata-	(Depositor's name)
Militarita	(Signature)
August 22, 2008	(Date)

APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	AT	TORNEY DOCKET NO.	CONFIRMATION NO.
10/532,619	04/25/2005		· Ernest C. Chen		PD-201014	9405
	: MAXIMIZING POWI	ER AND SPECTRAL E	FFICIENCIES FOR LAYER	ED AND CONVENT	ONAL MODULATION	18
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nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/22/2008
EXAMIN	IER	ART UNIT	CLASS-SUBCLASS]		•
BAYARD, EM	MANUEL	2611	375-295000	1		
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		ATA TO BE PRINTED ON				
PLEASE NOTE: Unles	s an assignee is id	entified below, no assignee	data will appear on the p	atent. If an assignee is identi	fied below, the do	cument has been filed fo

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

The DIRECTV Group, Inc.

El Segundo, California

THE BELLEVIT OF CUP,	j ,
Please check the appropriate assignee category or categories (will I	not be printed on the patent): 🔲 Individual 🖄 Corporation or other private group entity 🚨 Governmen
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Date _____ August 22, 2008

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